

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

29

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROPERTY MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROPERTY MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section (b) (9)

**Well Activity** **Type of Permit** **Lease Name** **Well Number**  
Disposal ☐ Individual (b) (9) 65  
No. of Wells: 1 ☒ Area

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2017	0-85	85	2400			0
Feb 2017	0-85	85	2240			0
Mar 2017	0-85	85	2480			0
Apr 2017	0-85	85	2400			0
May 2017	0-85	85	2480			0
Jun 2017	0-85	85	2400			0
Jul 2017	0-85	85	2480			0
Aug 2017	0-85	85	2480			0
Sep 2017	0-85	85	2400			0
Oct 2017	0-85	85	2480			0
Nov 2017	0-85	85	2400			0
Dec 2017	0-85	85	2480			0

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Michael Vaughn, CFO

Signature:

*Michael N Vaughn*

Date Signed:

1-10-2018

Via Postal mail  
01/16/18

Entd DIMS  
XL

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

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Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROPERTY MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROPERTY MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

Disposal

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2016	vacuum		2480		0	0
Feb 2016	vacuum		2320		0	0
Mar 2016	vacuum		2480		0	0
Apr 2016	vacuum		2480		0	0
May 2016	vacuum		2480		0	0
Jun 2016	vacuum		2480		0	0
Jul 2016	vacuum		2480		0	0
Aug 2016	vacuum		2480		0	0
Sep 2016	vacuum		2480		0	0
Oct 2016	vacuum		2480		0	0
Nov 2016	vacuum		2400		0	0
Dec 2016	vacuum		2480		0	0

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Name and Official Title:

Signature:

Date Signed:

Cheryl Arthur, Land Secretary

1-10-2017

Cheryl Arthur

Entered

# Well Inspection

Scan Code: 30

## Osage Nation / Environmental Protection Agency

P. O. Box 1495  
Pawhuska, OK 74056

Inspector: J. Andrew Yates Dt/Tm Inspected: 2/22/2016 12:30:00 PM Duration: 0.2  
Operator Representative: CRAIG HORINE Dt Scheduled: \_\_\_\_\_ Dt Op Notified \_\_\_\_\_

### General Well Data and Inspection Information

Operator: KWB Oil Property Mgt Inc Inventory No.: OS5667 API Well No. 35-113-41528-00-00  
20 East 5Th St - Ste 1100 Well Name/No.: (b) (9) Status: \_\_\_\_\_  
Tulsa, Ok 74103 Location: (b) (9) Well Type: SWD  
Phone: (918) 583-8300 Field Nm: \_\_\_\_\_ Lat/Lng: (b) (9)

### ROUTINE UIC INSPECTION

Purpose: Routine Periodic Responsible Company at Time of Inspection: KWB Oil Property Mgt Inc  
Inspect No.: iJAY1606131784 Notification Type: \_\_\_\_\_  
Incident No.: \_\_\_\_\_ Date Letter Sent to Owner: \_\_\_\_\_ Extension Date: \_\_\_\_\_  
Comply No.: \_\_\_\_\_ Date Remedy Required: \_\_\_\_\_ Date Passed: \_\_\_\_\_

### Pressures / Conditions

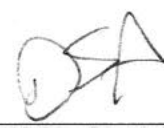
Date Last MIT: 1/23/2015 Test Result: \_\_\_\_\_ Casing: 5.500 in. Tubing: 2.375 in. USDW: \_\_\_\_\_ ft subsurf

Monitoring Device Elected: \_\_\_\_\_  
Monitoring Device: \_\_\_\_\_  
FLM Canister Pressure: \_\_\_\_\_  
Lease Status: Active  
Barrel Monitor Hooked Up?: \_\_\_\_\_  
Barrel Fluid Level (%): \_\_\_\_\_  
Flowline Hooked Up?: Y  
Injecting?: Y

	Tubing	Annulus	
Fittings:	<u>Y</u>	<u>Y</u>	<b>AUTHORIZED</b>
Actual Pressure:	<u>-19</u>	<u>0</u>	Max Pressure: <u>496</u>
How Determined?:	<u>UIC</u>	<u>UIC</u>	Min Req Press: _____
Static Fluid Level:	_____	_____	Max Rate: <u>10000</u>
How Determined?:	_____	_____	
Injection Rate (bpd):	_____	_____	How Rate Determined? _____

### Comments

ACTIVE WELL, S. WTR. PUMP @ LOCATION.

Evaluation: Name:  Date: 3-28-16  
Inspection Results: 1 Follow-up: A Reason: Sec  
Violation Code: none Frequency: nc Received Date: 3/7/2016



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20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROPERTY MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section:

(b) (9)

Well Activity

Type of Permit

Lease Name

Well Number

Disposal

☐ Individual

No. of Wells: 1

☒ Area

(b) (9)

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2015	vacuum	2240			0	0
Feb 2015	vacuum	2240			0	0
Mar 2015	vacuum	2480			0	0
Apr 2015	vacuum	2480			0	0
May 2015	vacuum	2480			0	0
Jun 2015	vacuum	2400			0	0
Jul 2015	vacuum	2480			0	0
Aug 2015	vacuum	2480			0	0
Sep 2015	vacuum	2480			0	0
Oct 2015	vacuum	2430			0	0
Nov 2015	vacuum	2480			0	0
Dec 2015	vacuum	2480			0	0

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Cheryl Arthur, Land secretary

*Cheryl Arthur*

1-13-2016

Name and Official Title:

Signature:

Date Signed:

*Entered*



United States Environmental Protection Agency  
Underground Injection Control Program  
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TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

Disposal

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2014	Vacuum		2240		0	0
Feb 2014	Vacuum		2240		0	0
Mar 2014	Vacuum		2400		0	0
Apr 2014	Vacuum		2400		0	0
May 2014	Vacuum		2480		0	0
Jun 2014	Vacuum		2480		0	0
Jul 2014	Vacuum		2480		0	0
Aug 2014	Vacuum		2480		0	0
Sep 2014	Vacuum		2480		0	0
Oct 2014	Vacuum		2480		0	0
Nov 2014	Vacuum		2480		0	0
Dec 2014	Vacuum		2480		0	0

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Name and Official Title:

Cheryl Arthur - Land Secretary

Signature:

Cheryl Arthur

Date Signed:

1-19-2015

Entero

**Mechanical Integrity Test Results**

SCAN CODE: 28

**Casing or Annulus Pressure Test****Osage Nation / Environmental Protection Agency**P.O. Box 1495  
Pawhuska, OK 74056Inspector: J. Andrew Yates Test Date: 01/23/2015 Test Time: 1:00 PM  
Operator Representative: CRIAG HORINE Date Report Sent to Operator: \_\_\_\_\_**General Well Data**

Operator: KWB Oil Property Mgt Inc - 9 Inventory Number: OS5667  
20 East 5Th St - Ste 1100 API Well No.: 35-113-41528-00-00  
Tulsa, Ok 74103 Well Name/No.: (b) (9)  
Location: (b) (9)  
Phone: (918) 583-8300 Field name: \_\_\_\_\_  
Injection Interval: 1813 - 2301 USDW Bot: \_\_\_\_\_ Well Type: SWD  
Annulus Fluid Type: \_\_\_\_\_ Concentric Pkr: - Packer Depth: 1802 Casing: 5.500 in. Tubing: ##### in.

**Tubing and Annulus Pressure Test Results**Type of MIT: Std. Annulus Pres. Test Test Reason: Post Workover Test  
Inj. Status: N Inj. Rate: \_\_\_\_\_ bpd Tubular Lining: Plastic Time Since Ann Filled: \_\_\_\_\_ Hrs

	<u>Time</u>	<u>Tubing Pressure</u>	<u>Time</u>	<u>Annulus Pressure</u>	<u>Flowback Pressure</u>	<u>Volume</u>
Pre-Test:		<u>0</u>		<u>0</u> psi	High: <u>200</u> psi	
Initial:	<u>1:00 PM</u>	<u>0</u>		<u>200</u> psi	Mid: <u>100</u> psi	<u>2750</u> ml
Mid:	<u>1:15 PM</u>	<u>0</u>		<u>200</u> psi	Low: <u>20</u> psi	<u>1750</u> ml
Final:	<u>1:30 PM</u>	<u>0</u>		<u>200</u> psi	End: <u>0</u> psi	<u>500</u> ml
					Total Volume:	<u>5000</u> ml

**Casing/Tubing Annulus Monitoring**Device: \_\_\_\_\_  
Fluid Level: \_\_\_\_\_ Annulus Prs: \_\_\_\_\_ psiTest Result: Acceptable  
Failure Type: \_\_\_\_\_  
Failure Cause: \_\_\_\_\_  
Repair Due: \_\_\_\_\_  
Engineer Signature: Rick L. Davis  
Review Date: 02/03/2015**ADA Pressure Test - Required Test Pressure**

(Fluid Column Ht \* Specific Gravity \* .433 / N2 Wt Fac = Required Test Pressure)

	<u>Tubing</u>	<u>Annulus</u>
Depth to Top Perf/Open Hole:	_____ ft	_____ ft
Depth to Fluid Level:	_____ ft	_____ ft
Fluid Column Height:	_____ ft	_____ ft
Specific Gravity of Fluid:	<u>1.06</u>	<u>1.06</u>
Nitrogen Weight Factor:	_____	_____
Required Test Pressure:	_____ psi	_____ psi

**Additional Comments for Mechanical Integrity Test**R&R TBG. LEAK/ 1 JT.

Received Date: 3/4/2015

# Well Inspection

Scan Code: 30

## Osage Nation / Environmental Protection Agency

P. O. Box 1495

Pawhuska, OK 74056

Inspector: J. Andrew Yates Dt/Tm Inspected: 1/23/2015 1:00:00 PM Duration: 1.0  
Operator Representative: CRAIG HORINE Dt Scheduled: \_\_\_\_\_ Dt Op Notified \_\_\_\_\_

### General Well Data and Inspection Information

Operator: KWB Oil Property Mgt Inc Inventory No.: OS5667 API Well No. 35-113-41528-00-00  
20 East 5Th St - Ste 1100 Well Name/No.: (b) (9) Status: \_\_\_\_\_  
Tulsa, Ok 74103 Location: (b) (9) Well Type: SWD  
Phone: (918) 583-8300 Field Nm: \_\_\_\_\_ Lat/Lng: (b) (9)

### ROUTINE W/MIT INSPECTION

Purpose: \_\_\_\_\_ Responsible Company at Time of Inspection: KWB Oil Property Mgt Inc  
Inspect No.: ijay1503339911 Notification Type: \_\_\_\_\_  
Incident No.: \_\_\_\_\_ Date Letter Sent to Owner: \_\_\_\_\_ Extension Date: \_\_\_\_\_  
Comply No.: \_\_\_\_\_ Date Remedy Required: \_\_\_\_\_ Date Passed: \_\_\_\_\_

### Pressures / Conditions

Date Last MIT: 1/23/2015 Test Result: \_\_\_\_\_ Casing: 5.500 in. Tubing: 2.375 in. USDW: \_\_\_\_\_ ft subsurf

Monitoring Device Elected: \_\_\_\_\_  
Monitoring Device: \_\_\_\_\_  
FLM Canister Pressure: \_\_\_\_\_  
Lease Status: Active  
Barrel Monitor Hooked Up?: \_\_\_\_\_  
Barrel Fluid Level (%): \_\_\_\_\_  
Flowline Hooked Up?: Y  
Injecting?: N

	Tubing	Annulus	
Fittings:	<u>Y</u>	<u>Y</u>	<b>AUTHORIZED</b>
Actual Pressure:	<u>0</u>	<u>0</u>	Max Pressure: <u>496</u>
How Determined?:	<u>UIC</u>	<u>UIC</u>	Min Req Press: _____
Static Fluid Level:	_____	<u>0</u>	Max Rate: <u>10000</u>
How Determined?:	_____	<u>O</u>	
Injection Rate (bpd):	_____	_____	How Rate Determined? _____

### Comments

ACTIVE WELL, HELD PRESSURE-OK.

Evaluation: Name: DSA Date: 3-3-15  
Inspection Results: 1 Follow-up: A Reason: See  
Violation Code: None Frequency: NA Received Date: 2/17/2015



United States Environmental Protection Agency  
Underground Injection Control Program  
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Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

Disposal

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2013	vacuum		2480		0	0
Feb 2013	vacuum		2440		0	0
Mar 2013	vacuum		2480		0	0
Apr 2013	vacuum		2480		0	0
May 2013	vacuum		2480		0	0
Jun 2013	vacuum		2400		0	0
Jul 2013	vacuum		2480		0	0
Aug 2013	vacuum		2480		0	0
Sep 2013	vacuum		2400		0	0
Oct 2013	vacuum		2480		0	0
Nov 2013	vacuum		2480		0	0
Dec 2013	vacuum		2480		0	0

**CERTIFICATION**

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Name and Official Title:

Cheryl Arthur- Land Secretary

Signature:

Cheryl Arthur

Date Signed:

1-16-2014

Entered

# Mechanical Integrity Test Results

SCAN CODE: 28

## Casing or Annulus Pressure Test

Osage Nation / Environmental Protection Agency

P.O. Box 1495

Pawhuska, OK 74056

Inspector: J. Andrew YatesTest Date: 10/04/2013Test Time: 11:00 AMOperator Representative: CRAIG HORRINE

Date Report Sent to Operator: \_\_\_\_\_

### General Well Data

Operator: Kwb Oil Property Mgt Inc - 9Inventory Number: OS566720 East 5Th St - Ste 1100API Well No.: 35-113-41528-00-00Tulsa, Ok 74103Well Name/No.: (b) (9)Location: (b) (9)Phone: (918) 583-8300

Field name: \_\_\_\_\_

Injection Interval: 1813 - 2301 USDW Bot: \_\_\_\_\_Well Type: SWDAnnulus Fluid Type: \_\_\_\_\_ Concentric Pkr: - Packer Depth: 1802 Casing: 5.500 in. Tubing: ##### in.

### Tubing and Annulus Pressure Test Results

Type of MIT: Std. Annulus Pres. TestTest Reason: 5-year TestInj. Status: N Inj. Rate: \_\_\_\_\_ bpd Tubular Lining: Plastic Time Since Ann Filled: \_\_\_\_\_ Hrs

	Time	Tubing Pressure	Time	Annulus Pressure	Flowback		
						Pressure	Volume
Pre-Test:		<u>0</u>		<u>0</u> psi	High:	<u>220</u> psi	
Initial:	<u>11:00 AM</u>	<u>0</u>		<u>220</u> psi	Mid:	<u>100</u> psi	<u>2750</u> ml
Mid:	<u>11:15 AM</u>	<u>0</u>		<u>220</u> psi	Low:	<u>20</u> psi	<u>1750</u> ml
Final:	<u>11:30 AM</u>	<u>0</u>		<u>220</u> psi	End:	<u>0</u> psi	<u>500</u> ml
					Total Volume:		<u>5000</u> ml

#### Casing/Tubing Annulus Monitoring

Device: \_\_\_\_\_

Fluid Level: \_\_\_\_\_ Annulus Prs: \_\_\_\_\_ psi

Test Result: Acceptable

Failure Type: \_\_\_\_\_

Failure Cause: \_\_\_\_\_

Repair Due: \_\_\_\_\_

Engineer Signature: Rick L. DavisReview Date: 10/22/2013

#### ADA Pressure Test - Required Test Pressure

(Fluid Column Ht \* Specific Gravity \* .433 / N2 Wt Fac = Required Test Pressure)

	Tubing	Annulus
Depth to Top Perf/Open Hole:	_____ ft	_____ ft
Depth to Fluid Level:	_____ ft	_____ ft
Fluid Column Height:	_____ ft	_____ ft
Specific Gravity of Fluid:	<u>1.06</u>	<u>1.06</u>
Nitrogen Weight Factor:	_____	_____
Required Test Pressure:	_____ psi	_____ psi

### Additional Comments for Mechanical Integrity Test

Received Date: 10/25/2013

# Well Inspection

Scan Code: 30

## Osage Nation / Environmental Protection Agency

P. O. Box 1495  
Pawhuska, OK 74056

Inspector: J. Andrew Yates Dt/Tm Inspected: 10/4/2013 11:00:00 AM Duration: 0.8  
Operator Representative: CRAIG HORRINE Dt Scheduled: \_\_\_\_\_ Dt Op Notified \_\_\_\_\_

### General Well Data and Inspection Information

Operator: Kwb Oil Property Mgt Inc Inventory No.: OS5667 API Well No. 35-113-41528-00-00  
20 East 5Th St - Ste 1100 Well Name/No.: (b) (9) Status: \_\_\_\_\_  
Tulsa, Ok 74103 Location: (b) (9) Well Type: SWD  
Phone: (918) 583-8300 Field Nm: \_\_\_\_\_ Lat/Lng: (b) (9)

### ROUTINE W/MIT INSPECTION

Purpose: \_\_\_\_\_ Responsible Company at Time of Inspection: Kwb Oil Property Mgt Inc  
Inspect No.: iJAY1328049733 Notification Type: \_\_\_\_\_  
Incident No.: \_\_\_\_\_ Date Letter Sent to Owner: \_\_\_\_\_ Extension Date: \_\_\_\_\_  
Comply No.: \_\_\_\_\_ Date Remedy Required: \_\_\_\_\_ Date Passed: \_\_\_\_\_

### Pressures / Conditions

Date Last MIT: 10/4/2013 Test Result: \_\_\_\_\_ Casing: 5.500 in. Tubing: 2.375 in. USDW: \_\_\_\_\_ ft subsurf

Monitoring Device Elected: \_\_\_\_\_  
Monitoring Device: \_\_\_\_\_  
FLM Canister Pressure: \_\_\_\_\_  
Lease Status: Active  
Barrel Monitor Hooked Up?: \_\_\_\_\_  
Barrel Fluid Level (%): \_\_\_\_\_  
Flowline Hooked Up?: Y  
Injecting?: N

	Tubing	Annulus	
Fittings:	<u>Y</u>	<u>Y</u>	<b>AUTHORIZED</b>
Actual Pressure:	<u>0</u>	<u>0</u>	Max Pressure: <u>496</u>
How Determined?:	<u>UIC</u>	<u>UIC</u>	Min Req Press: _____
Static Fluid Level:	<u>0</u>	<u>0</u>	Max Rate: <u>10000</u>
How Determined?:	<u>O</u>	<u>O</u>	
Injection Rate (bpd):	_____	How Rate Determined?:	_____

### Comments

ACTIVE WELL, HELD PRESSURE-OK.

Evaluation: Name: David Aguirre Date: 10/31/13

Inspection Results: 1 Follow-up: A Reason: Sec

Violation Code: None Frequency: NR

Received Date: 10/17/2013



United States Environmental Protection Agency  
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Owner: KWB OIL PROP MGT INC  
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TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

Disposal

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2012	vacuum		2500		0	0
Feb 2012	vacuum		2320		0	0
Mar 2012	vacuum		2480		0	0
Apr 2012	vacuum		2480		0	0
May 2012	vacuum		2480		0	0
Jun 2012	vacuum		2400		0	0
Jul 2012	vacuum		2480		0	0
Aug 2012	vacuum		2480		0	0
Sep 2012	vacuum		2480		0	0
Oct 2012	vacuum		2480		0	0
Nov 2012	vacuum		2480		0	0
Dec 2012	vacuum		2480		0	0

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Name and Official Title:

Cheryl Arthur, Land secretary

Signature:

Cheryl Arthur

Date Signed:

1-23-2013

# Well Inspection

Scan Code: 30

## Osage Nation / Environmental Protection Agency

P. O. Box 1495  
Pawhuska, OK 74056Inspector: J. Andrew Yates Dt/Tm Inspected: 12/29/2011 12:30:00 PM Duration: 0.3  
Operator Representative: NONE. Dt Scheduled: \_\_\_\_\_ Dt Op Notified: \_\_\_\_\_

### General Well Data and Inspection Information

Operator: Kwb Oil Property Mgt Inc Inventory No.: OS5667 API Well No. 35-113-41528-00-00  
20 East 5Th St - Ste 1100 Well Name/No.: (b) (9) Status: \_\_\_\_\_  
Tulsa, Ok 74103 Location: (b) (9) Well Type: SWD  
Phone: (918) 583-8300 Field Nm: \_\_\_\_\_ Lat/Lng: (b) (9)

### ROUTINE UIC INSPECTION

Purpose: Routine Periodic Responsible Company at Time of Inspection: Kwb Oil Property Mgt Inc  
Inspect No.: iJAY1200336474 Notification Type: \_\_\_\_\_  
Incident No.: \_\_\_\_\_ Date Letter Sent to Owner: \_\_\_\_\_ Extension Date: \_\_\_\_\_  
Comply No.: \_\_\_\_\_ Date Remedy Required: \_\_\_\_\_ Date Passed: \_\_\_\_\_

### Pressures / Conditions

Date Last MIT: 10/24/2008 Test Result: \_\_\_\_\_ Casing: 5.500 in. Tubing: 2.375 in. USDW: \_\_\_\_\_ ft subsurfMonitoring Device Elected: \_\_\_\_\_  
Monitoring Device: \_\_\_\_\_  
FLM Canister Pressure: \_\_\_\_\_  
Lease Status: Active  
Barrel Monitor Hooked Up?: \_\_\_\_\_  
Barrel Fluid Level (%): \_\_\_\_\_  
Flowline Hooked Up?: Y  
Injecting?: Y

	Tubing	Annulus	
Fittings:	<u>Y</u>	<u>Y</u>	<b>AUTHORIZED</b>
Actual Pressure:	<u>-14</u>	<u>0</u>	Max Pressure: <u>496</u>
How Determined?:	<u>UIC</u>	<u>UIC</u>	Min Req Press: _____
Static Fluid Level:	_____	_____	Max Rate: <u>10000</u>
How Determined?:	_____	_____	
Injection Rate (bpd):	_____	_____	How Rate Determined? _____

### Comments

ACTIVE WELL.Evaluation: Name: Dao A... Date: 2-1-12Inspection Results: 1 Follow-up: A Reason: SecViolation Code: none Frequency: NR

Received Date: 1/17/2012

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

29

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section:

(b) (9)

Well Activity

Disposal

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2011	vacuum		2480		0	0
Feb 2011	vacuum		2240		0	0
Mar 2011	vacuum		2400		0	0
Apr 2011	vacuum		2400		0	0
May 2011	vacuum		2480		0	0
Jun 2011	vacuum		2480		0	0
Jul 2011	vacuum		2480		0	0
Aug 2011	vacuum		2480		0	0
Sep 2011	vacuum		2480		0	0
Oct 2011	vacuum		2480		0	0
Nov 2011	vacuum		2480		0	0
Dec 2011	vacuum		2480		0	0

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Cheryl Arthur  
Land secretary

Signature:

Cheryl Arthur

Date Signed:

1-12-2012



United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

29

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

Type of Permit

Lease Name

Well Number

Disposal

☐ Individual

65

No. of Wells: 1

☒ Area

(b) (9)

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2010	vacuum		2480		0	0
Feb 2010	vacuum		2480		0	0
Mar 2010	vacuum		2480		0	0
Apr 2010	vacuum		2400		0	0
May 2010	vacuum		2480		0	0
Jun 2010	vacuum		2400		0	0
Jul 2010	vacuum		2480		0	0
Aug 2010	vacuum		2480		0	0
Sep 2010	vacuum		2480		0	0
Oct 2010	vacuum		2480		0	0
Nov 2010	vacuum		2400		0	0
Dec 2010	vacuum		2480		0	0

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Cheryl Arthur  
Land Secretary

Signature:

Cheryl Arthur

Date Signed:

1-25-2011

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

Disposal

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2009	vacuum		2480		0	0
Feb 2009	vacuum		2240		0	0
Mar 2009	vacuum		2480		0	0
Apr 2009	vacuum		2400		0	0
May 2009	vacuum		2480		0	0
Jun 2009	vacuum		2400		0	0
Jul 2009	vacuum		2480		0	0
Aug 2009	vacuum		2480		0	0
Sep 2009	vacuum		2480		0	0
Oct 2009	vacuum		2480		0	0
Nov 2009	vacuum		2400		0	0
Dec 2009	vacuum		2480		0	0

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Name and Official Title:

Cheryl Arthur  
Land Secretary

Signature:

Cheryl Arthur

Date Signed:

1-18-2010

29

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

**Annual Disposal/Injection Well Monitoring Report**

**Operator:** KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

**Owner:** KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

**State:** OK      **County:** OSAGE

**Inventory Number:** OS5667000

**Qtr Section:** (b) (9)

**Well Activity**

Disposal

No. of Wells: 1

**Type of Permit**

☐ Individual

☒ Area

**Lease Name**

(b) (9)

**Well Number**

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2008	vacuum		2480		0	0
Feb 2008	vacuum		2320		0	0
Mar 2008	vacuum		2480		0	0
Apr 2008	vacuum		2400		0	0
May 2008	vacuum		2480		0	0
Jun 2008	vacuum		2480		0	0
Jul 2008	vacuum		2480		0	0
Aug 2008	vacuum		2480		0	0
Sep 2008	vacuum		2400		0	0
Oct 2008	vacuum		2480		0	0
Nov 2008	vacuum		2480		0	0
Dec 2008	vacuum		2480		0	0

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**Name and Official Title:**

Cheryl Arthur  
Land Secretary

**Signature:**

*Cheryl Arthur*

**Date Signed:**

1-9-09

75



# Mechanical Integrity Test Results

SCAN CODE: 28

## Casing or Annulus Pressure Test Osage Nation / Environmental Protection Agency P.O. Box 1495 Pawhuska, OK 74056

Inspector: Henry Lookout Test Date: 10/24/2008 Test Time: 10:00 AM  
Operator Representative: Craig Hokins Date Report Sent to Operator: \_\_\_\_\_

### General Well Data

Operator: Kwb Oil Property Mgt Inc - 9 Inventory Number: OS5667  
20 East 5Th St - Ste 1100 API Well No.: 35-113-41528-00-00  
Tulsa, Ok 74103 Well Name/No.: (b) (9)  
Location: [REDACTED]  
Phone: (918) 583-8300 Field name: \_\_\_\_\_  
Injection Interval: 1813 - 2301 USDW Bot: \_\_\_\_\_ Well Type: SWD  
Annulus Fluid Type: \_\_\_\_\_ Concentric Pkr: - Packer Depth: 1775 Casing: 5.500 in. Tubing: 2.375 in.

### Tubing and Annulus Pressure Test Results

Type of MIT: Std. Annulus Pres. Test Test Reason: 5-year Test  
Inj. Status: Y Inj. Rate: 100 bpd Tubular Lining: Plastic Time Since Ann Filled: \_\_\_\_\_ Hrs

	Time	Tubing Pressure	Time	Annulus Pressure
Pre-Test:		<u>-20</u>		<u>0</u> psi
Initial:	<u>10:50 AM</u>	<u>-20</u>		<u>200</u> psi
Mid:	<u>11:05 AM</u>	<u>-20</u>		<u>200</u> psi
Final:	<u>11:20 AM</u>	<u>-20</u>		<u>200</u> psi

	Flowback	Pressure	Volume
High:	<u>200</u>	psi	
Mid:	<u>150</u>	psi	<u>1000</u> ml
Low:	<u>50</u>	psi	<u>2000</u> ml
End:	<u>0</u>	psi	<u>1250</u> ml
Total Volume:			<u>4250</u> ml

#### Casing/Tubing Annulus Monitoring

Device: \_\_\_\_\_  
Fluid Level: \_\_\_\_\_ Annulus Prs: \_\_\_\_\_ psi  
Test Result: Acceptable  
Failure Type: \_\_\_\_\_  
Failure Cause: \_\_\_\_\_  
Repair Due: \_\_\_\_\_  
Engineer Signature: Rick L. Davis  
Review Date: 12/01/2008

#### ADA Pressure Test - Required Test Pressure

(Fluid Column Ht \* Specific Gravity \* .433 / N2 Wt Fac = Required Test Pressure)

	Tubing	Annulus
Depth to Top Perf/Open Hole:	_____ ft	_____ ft
Depth to Fluid Level:	_____ ft	_____ ft
Fluid Column Height:	_____ ft	_____ ft
Specific Gravity of Fluid:	<u>1.06</u>	<u>1.06</u>
Nitrogen Weight Factor:	_____	_____
Required Test Pressure:	_____ psi	_____ psi

### Additional Comments for Mechanical Integrity Test

Lease active, flowline hooked and taking fluid during test.  
Flowback was oil. No work overs.

Received Date: 12/9/2008

# Well Inspection

Scan Code: 30

## Osage Nation / Environmental Protection Agency

P. O. Box 1495  
Pawhuska, OK 74056

Inspector: Henry Lookout Dt/Tm Inspected: 10/24/2008 10:00:00 AM Duration: 1.0  
Operator Representative: Criag Dt Scheduled: \_\_\_\_\_ Dt Op Notified \_\_\_\_\_

### General Well Data and Inspection Information

Operator: Kwb Oil Property Mgt Inc Inventory No.: OS5667 API Well No. 35-113-41528-00-00  
20 East 5Th St - Ste 1100 Well Name/No.: (b) (9) Status: \_\_\_\_\_  
Tulsa, Ok 74103 Location: (b) (9) Well Type: SWD  
Phone: (918) 583-8300 Field Nm: \_\_\_\_\_ Lat/Lng: (b) (9)

### ROUTINE W/MIT INSPECTION

Purpose: \_\_\_\_\_ Responsible Company at Time of Inspection: Kwb Oil Property Mgt Inc  
Inspect No.: iHPL0830936006 Notification Type: \_\_\_\_\_  
Incident No.: \_\_\_\_\_ Date Letter Sent to Owner: \_\_\_\_\_ Extension Date: \_\_\_\_\_  
Comply No.: \_\_\_\_\_ Date Remedy Required: \_\_\_\_\_ Date Passed: \_\_\_\_\_

### Pressures / Conditions

Date Last MIT: 10/24/2008 Test Result: \_\_\_\_\_ Casing: 5.500 in. Tubing: 2.375 in. USDW: \_\_\_\_\_ ft subsurf

Monitoring Device Elected: \_\_\_\_\_  
Monitoring Device: \_\_\_\_\_  
FLM Canister Pressure: \_\_\_\_\_  
Lease Status: Active  
Barrel Monitor Hooked Up?: N  
Barrel Fluid Level (%): \_\_\_\_\_  
Flowline Hooked Up?: Y  
Injecting?: Y

	Tubing	Annulus	
Fittings:	<u>Y</u>	<u>Y</u>	<b>AUTHORIZED</b>
Actual Pressure:	<u>-20</u>	<u>0</u>	Max Pressure: <u>496</u>
How Determined?:	<u>UIC</u>	<u>OV</u>	Min Req Press: _____
Static Fluid Level:	_____	_____	Max Rate: <u>10000</u>
How Determined?:	_____	_____	
Injection Rate (bpd):	<u>100</u>	_____	How Rate Determined? <u>CI</u>

### Comments

Lease active, flowline hooked up and injecting at -20 vac in 23/8 tbg. 0 pressure on 51/2 csg. Well held pressure during MIT.

Evaluation: Name: *Forrest G. Benje* Date: 11/10/08

Inspection Results: 1 Follow-up: A Reason: See

Violation Code: None Frequency: NL

Received Date: 11/5/2008

29

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

**Annual Disposal/Injection Well Monitoring Report**

**Operator:** KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

**Owner:** KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

**State:** OK **County:** OSAGE

**Inventory Number:** OS5667000

**Qtr Section:** (b) (9)

**Well Activity**

Disposal

No. of Wells: 1

**Type of Permit**

☐ Individual

☒ Area

**Lease Name**

(b) (9)

**Well Number**

65

Month/Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 2007	Vacuum		2480		0	0
Feb 2007	Vacuum		2240		0	0
Mar 2007	Vacuum		2480		0	0
Apr 2007	Vacuum		2400		0	0
May 2007	Vacuum		2480		0	0
Jun 2007	Vacuum		2480		0	0
Jul 2007	Vacuum		2480		0	0
Aug 2007	Vacuum		2480		0	0
Sep 2007	Vacuum		2400		0	0
Oct 2007	Vacuum		2480		0	0
Nov 2007	Vacuum		2480		0	0
Dec 2007	Vacuum		2480		0	0

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

**Name and Official Title:**

Cheryl Arthur  
Land Secretary

**Signature:**

Cheryl Arthur

**Date Signed:**

1-15-08

DS



(29)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
GROUND INJECTION CONTROL PROGRAM  
1445 ROSS AVENUE  
DALLAS, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

Type of Permit

Lease Name

Well Number

DISPOSAL

☐ Individual

65

No. of Wells: 1

☒ Area

(b) (9)

South Quadrant Reporting Form

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	2006	vacuum		2480		0	0
Feb	2006	vacuum		2240		0	0
Mar	2006	vacuum		2480		0	0
Apr	2006	vacuum		2400		0	0
May	2006	vacuum		2480		0	0
Jun	2006	vacuum		2400		0	0
Jul	2006	vacuum		2480		0	0
Aug	2006	vacuum		2480		0	0
Sep	2006	vacuum		2480		0	0
Oct	2006	vacuum		2480		0	0
Nov	2006	vacuum		2480		0	0
Dec	2006	vacuum		2480		0	0

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Signature:

Date Signed:

Cheryl Arthur  
Land Secretary

Cheryl Arthur

3/7/07

29

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC

20 EAST 5TH ST SUITE 1100-1170  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC

20 EAST 5TH ST SUITE 1100-1170  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

DISPOSAL

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

Lot 73

Well Number

65

South Quadrant Reporting Form

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	2005	Vacuum		2480		0	0
Feb	2005	Vacuum		2240		0	0
Mar	2005	Vacuum		2480		0	0
Apr	2005	Vacuum		2400		0	0
May	2005	Vacuum		2480		0	0
Jun	2005	Vacuum		2400		0	0
Jul	2005	Vacuum		2480		0	0
Aug	2005	Vacuum		2480		0	0
Sep	2005	Vacuum		2400		0	0
Oct	2005	Vacuum		2480		0	0
Nov	2005	Vacuum		2400		0	0
Dec	2005	Vacuum		2480		0	0

**CERTIFICATION**

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Name and Official Title:

Cheryl Arthur  
Land Secretary

Signature:

Cheryl Arthur

Date Signed:

1/17/06

1-25-06  
HS

# Well Inspection

Scan Code: 30

## Osage Nation / Environmental Protection Agency

P. O. Box 1495  
Pawhuska, OK 74056

Inspector: Gary J. Scott Dt/Tm Inspected: 6/17/2005 10:10:00 AM Duration: 0.4  
Operator Representative: NONE Dt Scheduled: \_\_\_\_\_ Dt Op Notified: \_\_\_\_\_

### General Well Data and Inspection Information

Operator: KWB OIL PROPERTY MGT INC Inventory No.: OS5667 API Well No. 35-113-41528-00-00  
20 EAST 5TH ST - STE 1100 Well Name/No.: (b) (9) Status: \_\_\_\_\_  
TULSA, OK 74103 Location: (b) (9) Well Type: SWD  
Phone: (918) 583-8300 Field Nm: \_\_\_\_\_ Lat/Lng: (b) (9)

### ROUTINE UIC INSPECTION

Purpose: Routine Periodic Responsible Company at Time of Inspection: KWB OIL PROPERTY MGT INC  
Inspect No.: iGJS0517301445 Notification Type: \_\_\_\_\_  
Incident No.: \_\_\_\_\_ Date Letter Sent to Owner: \_\_\_\_\_ Extension Date: \_\_\_\_\_  
Comply No.: \_\_\_\_\_ Date Remedy Required: \_\_\_\_\_ Date Passed: \_\_\_\_\_

### Pressures / Conditions

Date Last MIT: 10/27/2003 Test Result: \_\_\_\_\_ Casing: 5.500 in. Tubing: 2.375 in. USDW: \_\_\_\_\_ ft subsurf

Monitoring Device Elected: \_\_\_\_\_  
Monitoring Device: \_\_\_\_\_  
FLM Canister Pressure: \_\_\_\_\_  
Lease Status: Active  
Barrel Monitor Hooked Up?: \_\_\_\_\_  
Barrel Fluid Level (%): \_\_\_\_\_  
Flowline Hooked Up?: Y  
Injecting?: Y

	Tubing	Annulus	
Fittings:	<u>Y</u>	<u>Y</u>	<b>AUTHORIZED</b>
Actual Pressure:	<u>-25</u>	<u>0</u>	Max Pressure: <u>496</u>
How Determined?:	<u>UIC</u>	<u>OV</u>	Min Req Press: _____
Static Fluid Level:	_____	_____	Max Rate: <u>10000</u>
How Determined?:	_____	_____	
Injection Rate (bpd):	_____	_____	How Rate Determined? _____

### Comments

ACTIVE WELL.

Evaluation: Name: Ronald J. Scott Date: 6/30/05  
Inspection Results: 1 Follow-up: A Reason: See  
Violation Code: None Frequency: NR  
Received Date: 6/27/2005

7/6/05



29

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

**Annual Disposal/Injection Well Monitoring Report**

**Operator:** KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

**Owner:** KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

**State:** OK **County:** OSAGE

**Inventory Number:** OS5667000

**Qtr Section:** (b) (9)

**Well Activity**

DISPOSAL

No. of Wells: 1

**Type of Permit**

☐ Individual

☒ Area

**Lease Name**

(b) (9)

**Well Number**

65

**South Quadrant Reporting Form**

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	2004	vacuum		2480		0	0
Feb	2004	vacuum		2320		0	0
Mar	2004	vacuum		2480		0	0
Apr	2004	vacuum		2400		0	0
May	2004	vacuum		2480		0	0
Jun	2004	vacuum		2400		0	0
Jul	2004	vacuum		2480		0	0
Aug	2004	vacuum		2480		0	0
Sep	2004	vacuum		2400		0	0
Oct	2004	vacuum		2480		0	0
Nov	2004	vacuum		2400		0	0
Dec	2004	vacuum		2480		0	0

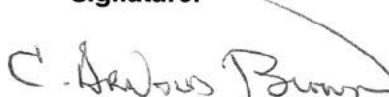
**CERTIFICATION**

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**Name and Official Title:**

C. Arnold Brown, President

**Signature:**



**Date Signed:**

1/19/05

FEB 4 2005

2-9-05  
DS

**Mechanical Integrity Test Results**

SCAN CODE: 28

**Casing or Annulus Pressure Test**  
**Osage Nation / Environmental Protection Agency**  
P.O. Box 1495  
Pawhuska, OK 74056

Inspector: Gary J. Scott Test Date: 10/27/2003 Test Time: 9:00 AM  
Operator Representative: CRAIG HOKINS Date Report Sent to Operator: \_\_\_\_\_

**General Well Data**

Operator: KWB OIL PROPERTY MGT INC - 9 Inventory Number: OS5667  
20 EAST 5TH ST - STE 1100 API Well No.: 35-113-41528-00-00  
TULSA, OK 74103 Well Name/No.: (b) (9)  
Location: \_\_\_\_\_  
Phone: (918) 583-8300 Field name: \_\_\_\_\_  
Injection Interval: 1813 - 2301 USDW Bot: \_\_\_\_\_ Well Type: SWD  
Annulus Fluid Type: \_\_\_\_\_ Concentric Pkr: - Packer Depth: 1801 Casing: 5.500in. Tubing: 2.375in.

**Tubing and Annulus Pressure Test Results**

Type of MIT: Std. Annulus Pres. Test Test Reason: 5-year Test  
Inj. Status: N Inj. Rate: \_\_\_\_\_ bpd Tubular Lining: Plastic Time Since Ann Filled: \_\_\_\_\_ Hrs

	<u>Time</u>	<u>Tubing Pressure</u>	<u>Time</u>	<u>Annulus Pressure</u>
Pre-Test:		<u>0</u>		<u>0</u> psi
Initial:	<u>9:00 AM</u>	<u>0</u>		<u>210</u> psi
Mid:	<u>9:15 AM</u>	<u>0</u>		<u>210</u> psi
Final:	<u>9:30 AM</u>	<u>0</u>		<u>210</u> psi

<u>Flowback</u>	<u>Pressure</u>	<u>Volume</u>
High:	<u>210</u> psi	
Mid:	<u>100</u> psi	<u>2250</u> ml
Low:	<u>50</u> psi	<u>1000</u> ml
End:	<u>0</u> psi	<u>1000</u> ml
Total Volume:		<u>4250</u> ml

**Casing/Tubing Annulus Monitoring**

Device: \_\_\_\_\_  
Fluid Level: \_\_\_\_\_ Annulus Prs: \_\_\_\_\_ psi  
Test Result: Acceptable  
Failure Type: \_\_\_\_\_  
Failure Cause: \_\_\_\_\_  
Repair Due: \_\_\_\_\_  
Engineer Signature: Kent W. Sanborn  
Review Date: 11/07/2003

**ADA Pressure Test - Required Test Pressure**

(Fluid Column Ht \* Specific Gravity \* .433 / N2 Wt Fac = Required Test Pressure)

	<u>Tubing</u>	<u>Annulus</u>
Depth to Top Perf/Open Hole:	_____ ft	_____ ft
Depth to Fluid Level:	_____ ft	_____ ft
Fluid Column Height:	_____ ft	_____ ft
Specific Gravity of Fluid:	<u>1.06</u>	<u>1.06</u>
Nitrogen Weight Factor:	_____	_____
Required Test Pressure:	_____ psi	_____ psi

**Additional Comments for Mechanical Integrity Test**

WELL WAS NOT TAKING FLUID DURING M.I.T.  
FLOWBACK WAS SALTWATER.

MAR 05 2004

Received Date: 1/21/04

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

29

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

DISPOSAL

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

South Quadrant Reporting Form

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	2003	vacuum		2480		0	0
Feb	2003	vacuum		2400		0	0
Mar	2003	vacuum		2480		0	0
Apr	2003	vacuum		2400		0	0
May	2003	vacuum		2400		0	0
Jun	2003	vacuum		2400		0	0
Jul	2003	vacuum		2480		0	0
Aug	2003	vacuum		2480		0	0
Sep	2003	vacuum		2400		0	0
Oct	2003	vacuum		2480		0	0
Nov	2003	vacuum		2400		0	0
Dec	2003	vacuum		2480		0	0

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

C. Arnold Brown, President

Signature:

C. Arnold Brown

Date Signed:

1-15-04

JAN 27 2004

RRA

1-22-04  
DS



# Well Inspection

Scan Code: 30

## Osage Nation / Environmental Protection Agency

P. O. Box 1495  
Pawhuska, OK 74056

Inspector: Gary J. Scott Dt/Tm Inspected: 10/27/03 8:20:00 AM Duration: 0.5  
Operator Representative: CRAIG HOKINS Dt Scheduled: \_\_\_\_\_ Dt Op Notified \_\_\_\_\_

### General Well Data and Inspection Information

Operator: KWB OIL PROPERTY MGT INC Inventory No.: OS5667 API Well No. 35-113-41528-00-00  
20 EAST 5TH ST - STE 1100 Well Name/No.: (b) (9) Status: \_\_\_\_\_  
TULSA, OK 74103 Location: (b) (9) Well Type: SWD  
Phone: (918) 583-8300 Field Nm: \_\_\_\_\_ Lat/Lng: (b) (9)

### ROUTINE W/MIT INSPECTION

Purpose: Routine Periodic Responsible Company at Time of Inspection: KWB OIL PROPERTY MGT INC  
Inspect No.: iGJS0330828758 Notification Type: \_\_\_\_\_  
Incident No.: \_\_\_\_\_ Date Letter Sent to Owner: \_\_\_\_\_ Extension Date: \_\_\_\_\_  
Comply No.: \_\_\_\_\_ Date Remedy Required: \_\_\_\_\_ Date Passed: \_\_\_\_\_

### Pressures / Conditions

Date Last MIT: 10/27/03 Test Result: \_\_\_\_\_ Casing: 5.500 in. Tubing: 2.375 in. USDW: \_\_\_\_\_ ft subsurf

Monitoring Device Elected: \_\_\_\_\_  
Monitoring Device: \_\_\_\_\_  
FLM Canister Pressure: \_\_\_\_\_  
Lease Status: Active  
Barrel Monitor Hooked Up?: \_\_\_\_\_  
Barrel Fluid Level (%): \_\_\_\_\_  
Flowline Hooked Up?: Y  
Injecting?: N

	Tubing	Annulus	
Fittings:	<u>Y</u>	<u>Y</u>	<b>AUTHORIZED</b>
Actual Pressure:	<u>0</u>	<u>0</u>	Max Pressure: <u>496</u>
How Determined?:	<u>UIC</u>	<u>OV</u>	Min Req Press: _____
Static Fluid Level:	_____	_____	Max Rate: <u>10000</u>
How Determined?:	_____	_____	
Injection Rate (bpd):	_____	_____	How Rate Determined? _____

### Comments

ACTIVE WELL CONNECTED TO INJECTION LINE.

Evaluation: Name: Ronald J. Scott Date: 11/5/03  
Inspection Results: 1 Follow-up: A Reason: See  
Violation Code: None Frequency: NR Received Date: 11/5/03

NOV 20 2003

NOV 20 2003

11/6/03

FEB 03 2003

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

MAY 07 2003  
JP

## Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well ActivityType of PermitLease NameWell Number

DISPOSAL

☐ Individual

65

No. of Wells: 1

☒ Area

(b) (9)

## South Quadrant Reporting Form

Month	Year	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
		Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	2002	vacuum		2,480		0	0
Feb	2002	vacuum		2,240		0	0
Mar	2002	vacuum		2,480		0	0
Apr	2002	vacuum		2,400		0	0
May	2002	vacuum		2,480		0	0
Jun	2002	vacuum		2,400		0	0
Jul	2002	vacuum		2,480		0	0
Aug	2002	vacuum		2,480		0	0
Sep	2002	vacuum		2,400		0	0
Oct	2002	vacuum		2,480		0	0
Nov	2002	vacuum		2,400		0	0
Dec	2002	vacuum		2,480		0	0

## CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Signature:

Date Signed:

C. Arnold Brown, President

C. Arnold Brown

1-29-03

4/23/03 ST

4-2-03  
JP

# Well Inspection

Scan Code: 30

## Osage Nation / Environmental Protection Agency

P. O. Box 1495  
Pawhuska, OK 74056

Inspector: Gary J. Scott Dt/Tm Inspected: 5/23/02 3:00:00 PM Duration: 0.2  
Operator Representative: NONE Dt Scheduled: \_\_\_\_\_ Dt Op Notified \_\_\_\_\_

### General Well Data and Inspection Information

Operator: \_\_\_\_\_ Inventory No.: OS5667 API Well No.: 35-OU4-34589-00-0  
Well Name/No.: \_\_\_\_\_ Status: \_\_\_\_\_  
Location: -  
Phone: \_\_\_\_\_ Field Name: \_\_\_\_\_ Well Type: \_\_\_\_\_

### ROUTINE UIC INSPECTION

Purpose: Routine Periodic Responsible Company at Time of Inspection: KWB OIL PROPERTY MGT INC  
Inspect No.: iGJS0219129269 Notification Type: \_\_\_\_\_  
Incident No.: \_\_\_\_\_ Date Letter Sent to Owner: \_\_\_\_\_ Extension Date: \_\_\_\_\_  
Comply No.: \_\_\_\_\_ Date Remedy Required: \_\_\_\_\_ Date Passed: \_\_\_\_\_

### Pressures / Conditions

Date Last MIT: \_\_\_\_\_ Test Result: \_\_\_\_\_ Casing: \_\_\_\_\_ in. Tubing: \_\_\_\_\_ in. USDW: \_\_\_\_\_ ft subsurf

Monitoring Device Elected: \_\_\_\_\_  
Monitoring Device: \_\_\_\_\_  
FLM Canister Pressure: \_\_\_\_\_  
Lease Status: Active  
Barrel Monitor Hooked Up?: \_\_\_\_\_  
Barrel Fluid Level (%): \_\_\_\_\_  
Flowline Hooked Up?: Y  
Injecting?: N

	Tubing	Annulus	
Fittings:	<u>Y</u>	<u>Y</u>	<b>AUTHORIZED</b>
Actual Pressure:	<u>-20</u>	<u>0</u>	Max Pressure: <u>0</u>
How Determined?:	<u>UIC</u>	<u>OV</u>	Min Req Press: _____
Static Fluid Level:	_____	_____	Max Rate: <u>10,000</u>
How Determined?:	_____	_____	
Injection Rate (bpd):	_____	_____	How Rate Determined? _____

### Comments

ACTIVE WELL CONNECTED TO INJECTION LINE  
WITH A 2" HIGH PRESSURE HOSE. ALL VALVES  
WERE OPEN.

Evaluation: Name: Randy J. Scott Date: 7/18/02

Inspection Results: 1 Follow-up: A Reason: See

Violation Code: None Frequency: NR

Received Date: 7/16/02

7/22/02



United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

29

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

DISPOSAL

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

South Quadrant Reporting Form

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	2001	vacuum	vacuum	2,635	0	0	0
Feb	2001	vacuum	vacuum	2,380	0	0	0
Mar	2001	vacuum	vacuum	2,635	0	0	0
Apr	2001	vacuum	vacuum	2,550	0	0	0
May	2001	vacuum	vacuum	2,635	0	0	0
Jun	2001	vacuum	vacuum	2,550	0	0	0
Jul	2001	vacuum	vacuum	2,635	0	0	0
Aug	2001	vacuum	vacuum	2,635	0	0	0
Sep	2001	vacuum	vacuum	2,550	0	0	0
Oct	2001	vacuum	vacuum	2,635	0	0	0
Nov	2001	vacuum	vacuum	2,550	0	0	0
Dec	2001	vacuum	vacuum	2,635	0	0	0

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Signature:

Date Signed:

Janet L Dye, Engineering Tech

Janet L. Dye

01/24/02

2-15-02  
PS

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

29

FEB 16 2001

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity Type of Permit Lease Name Well Number  
DISPOSAL ☐ Individual 65  
No. of Wells: 1 ☒ Area (b) (9)

South Quadrant Reporting Form

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	2000	vac	vac	2,480			
Feb	2000	"	"	2,320			
Mar	2000	"	"	2,480			
Apr	2000	"	"	2,400			
May	2000	"	"	2,480			
Jun	2000	"	"	2,400			
Jul	2000	"	"	2,480			
Aug	2000	"	"	2,480			
Sep	2000	"	"	2,400			
Oct	2000	"	"	2,480			
Nov	2000	"	"	2,400			
Dec	2000	"	"	2,480			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Signature:

Date Signed:

Janet L Dye, Engineering Tech

Janet L Dye

02/14/01

4-11-01  
DS

# 2000 - ANNUAL DISPOSAL / INJECTION WELL REPORT

LOT 73 #65

LOT 73 - Santa Fe	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12	12	12	12	12	12	12	12	12	12	12	12
2	12	12	12	12	12	12	12	12	12	12	12	12
3	12	12	12	12	12	12	12	12	12	12	12	12
4	12	12	12	12	12	12	12	12	12	12	12	12
5	12	12	12	12	12	12	12	12	12	12	12	12
6	12	12	12	12	12	12	12	12	12	12	12	12
7	12	12	12	12	12	12	12	12	12	12	12	12
8	12	12	12	12	12	12	12	12	12	12	12	12
9	12	12	12	12	12	12	12	12	12	12	12	12
10	12	12	12	12	12	12	12	12	12	12	12	12
11	12	12	12	12	12	12	12	12	12	12	12	12
12	12	12	12	12	12	12	12	12	12	12	12	12
13	12	12	12	12	12	12	12	12	12	12	12	12
14	12	12	12	12	12	12	12	12	12	12	12	12
15	12	12	12	12	12	12	12	12	12	12	12	12
16	12	12	12	12	12	12	12	12	12	12	12	12
17	12	12	12	12	12	12	12	12	12	12	12	12
18	12	12	12	12	12	12	12	12	12	12	12	12
19	12	12	12	12	12	12	12	12	12	12	12	12
20	12	12	12	12	12	12	12	12	12	12	12	12
21	12	12	12	12	12	12	12	12	12	12	12	12
22	12	12	12	12	12	12	12	12	12	12	12	12
23	12	12	12	12	12	12	12	12	12	12	12	12
24	12	12	12	12	12	12	12	12	12	12	12	12
25	12	12	12	12	12	12	12	12	12	12	12	12
26	12	12	12	12	12	12	12	12	12	12	12	12
27	12	12	12	12	12	12	12	12	12	12	12	12
28	12	12	12	12	12	12	12	12	12	12	12	12
29	12	12	12	12	12	12	12	12	12	12	12	12
30	12	12	12	12	12	12	12	12	12	12	12	12
31	12	12	12	12	12	12	12	12	12	12	12	12
MO TOTAL	372	348	372	360	372	360	372	372	360	372	360	372
GRAND TOTAL	2,480	2,320	2,480	2,400	2,480	2,400	2,480	2,480	2,400	2,480	2,400	2,480

NOTE: These figures came from the gauge sheets and the Well Tests.



## 2000 - ANNUAL DISPOSAL / INJECTION WELL REPORT

LOT 73 #65

LOT 73 - Sec 18	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	22	22	22	22	22	22	22	22	22	22	22	22
2	22	22	22	22	22	22	22	22	22	22	22	22
3	22	22	22	22	22	22	22	22	22	22	22	22
4	22	22	22	22	22	22	22	22	22	22	22	22
5	22	22	22	22	22	22	22	22	22	22	22	22
6	22	22	22	22	22	22	22	22	22	22	22	22
7	22	22	22	22	22	22	22	22	22	22	22	22
8	22	22	22	22	22	22	22	22	22	22	22	22
9	22	22	22	22	22	22	22	22	22	22	22	22
10	22	22	22	22	22	22	22	22	22	22	22	22
11	22	22	22	22	22	22	22	22	22	22	22	22
12	22	22	22	22	22	22	22	22	22	22	22	22
13	22	22	22	22	22	22	22	22	22	22	22	22
14	22	22	22	22	22	22	22	22	22	22	22	22
15	22	22	22	22	22	22	22	22	22	22	22	22
16	22	22	22	22	22	22	22	22	22	22	22	22
17	22	22	22	22	22	22	22	22	22	22	22	22
18	22	22	22	22	22	22	22	22	22	22	22	22
19	22	22	22	22	22	22	22	22	22	22	22	22
20	22	22	22	22	22	22	22	22	22	22	22	22
21	22	22	22	22	22	22	22	22	22	22	22	22
22	22	22	22	22	22	22	22	22	22	22	22	22
23	22	22	22	22	22	22	22	22	22	22	22	22
24	22	22	22	22	22	22	22	22	22	22	22	22
25	22	22	22	22	22	22	22	22	22	22	22	22
26	22	22	22	22	22	22	22	22	22	22	22	22
27	22	22	22	22	22	22	22	22	22	22	22	22
28	22	22	22	22	22	22	22	22	22	22	22	22
29	22	22	22	22	22	22	22	22	22	22	22	22
30	22	22	22	22	22	22	22	22	22	22	22	22
31	22	22	22	22	22	22	22	22	22	22	22	22
MO TOTAL	682	638	682	660	682	660	682	682	660	682	660	682

FEB 16 2001

## 2000 - ANNUAL DISPOSAL / INJECTION WELL REPORT

LOT 73 #65

LOT 73 - Sec 17	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	46	46	46	46	46	46	46	46	46	46	46	46
2	46	46	46	46	46	46	46	46	46	46	46	46
3	46	46	46	46	46	46	46	46	46	46	46	46
4	46	46	46	46	46	46	46	46	46	46	46	46
5	46	46	46	46	46	46	46	46	46	46	46	46
6	46	46	46	46	46	46	46	46	46	46	46	46
7	46	46	46	46	46	46	46	46	46	46	46	46
8	46	46	46	46	46	46	46	46	46	46	46	46
9	46	46	46	46	46	46	46	46	46	46	46	46
10	46	46	46	46	46	46	46	46	46	46	46	46
11	46	46	46	46	46	46	46	46	46	46	46	46
12	46	46	46	46	46	46	46	46	46	46	46	46
13	46	46	46	46	46	46	46	46	46	46	46	46
14	46	46	46	46	46	46	46	46	46	46	46	46
15	46	46	46	46	46	46	46	46	46	46	46	46
16	46	46	46	46	46	46	46	46	46	46	46	46
17	46	46	46	46	46	46	46	46	46	46	46	46
18	46	46	46	46	46	46	46	46	46	46	46	46
19	46	46	46	46	46	46	46	46	46	46	46	46
20	46	46	46	46	46	46	46	46	46	46	46	46
21	46	46	46	46	46	46	46	46	46	46	46	46
22	46	46	46	46	46	46	46	46	46	46	46	46
23	46	46	46	46	46	46	46	46	46	46	46	46
24	46	46	46	46	46	46	46	46	46	46	46	46
25	46	46	46	46	46	46	46	46	46	46	46	46
26	46	46	46	46	46	46	46	46	46	46	46	46
27	46	46	46	46	46	46	46	46	46	46	46	46
28	46	46	46	46	46	46	46	46	46	46	46	46
29	46	46	46	46	46	46	46	46	46	46	46	46
30	46	46	46	46	46	46	46	46	46	46	46	46
31	46	46	46	46	46	46	46	46	46	46	46	46
MO TOTAL	1,426	1,334	1,426	1,380	1,426	1,380	1,426	1,426	1,380	1,426	1,380	1,426
												1,426
												1,426

FEB 16 2001

ENVIRONMENTAL PROTECTION AGENCY  
REGION 6, UIC INSPECTION REPORT

SCAN CODE: 30

UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

5667  
Inspection Reason: ROUTINE

Inventory No.: OS5667

Operator: Name: KWB OIL PROP MGT INC

Address: 20 EAST 5TH ST SUITE 1100

TULSA, OK 74103

Phone: (918) 583-8300

Company Contact: CHARLES ELLIS

**WELL INFORMATION:**

Well Name and Number: (b) (9)

Location: (b) (9)

Well Type: Disposal

Authorization: Permit Authorization to Inject Date: 9/20/93

Authorized: Pressure: 496 psi Rate 10000 BPM

Long-String Casing Diameter: 5.50 inches Tubing diameter 2.375 inches

Base of Underground Sources of Drinking Water:        Feet Subsurface

Date of Latest MIT: 5/21/98 Latest MIT Results: Pass

**CONDITIONS ON INSPECTION DATE:**

Lease Status: ACTIVE

Well Status: Hooked up for injection? YES Injecting? YES

Required Fittings: Tubing? YES Annulus? YES

Tubing Pressure: -25 psi; How Determined? U.I.C. GUAGE

Annulus Pressure: 0 psi; How Determined? OPENED

Injection Rate:        bpd; How Determined?       

Static Fluid Level:

Tubing:        feet subsurface; How Determined?       

Annulus:        feet subsurface; How Determined?       

Samples Taken? NO Photographs Taken? NO

Observations: WELL IS ACTIVE AND WAS TAKING FLUID AT TIME OF INSPECTION.  
TUBING IS CONNECTED TO INJECTION LINE WITH A 2" HIGH PRESSURE  
HOSE.

BIA required sign at well.

Inspection Date: 5/18/00 Time: Arrived: 8:35 A.M. Departed: 8:50 A.M.

Inspector: GARY SCOTT

Individual Contacted: NONE

Title:       

Evaluation: Name: Harold F. Jones Date: 5/31/00  
Inspection Results: 1 Follow-up: A Frequency: NR  
Violation Code: None Reason: See  
Enforcement Letter Recommended: No

Report Received Date: 5/30/00  
5/31/00



OS  
5667

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

29  
JAN 27 2000

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

Type of Permit

Lease Name

Well Number

DISPOSAL

☐ Individual

65

No. of Wells: 1

☒ Area

(b) (9)

South Quadrant Reporting Form

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	1999	vac	vac	2,387			
Feb	1999	"	"	2,145			
Mar	1999	"	"	2,365			
Apr	1999	"	"	2,310			
May	1999	"	"	2,387			
Jun	1999	"	"	2,310			
Jul	1999	"	"	2,387			
Aug	1999	"	"	2,345			
Sep	1999	"	"	2,280			
Oct	1999	"	"	2,356			
Nov	1999	"	"	2,280			
Dec	1999	"	"	2,356			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Signature:

Date Signed:

Charles A. Ellis, Engineer

Charles A. Ellis

01/21/00

3-1500  
25

ENVIRONMENTAL PROTECTION AGENCY  
REGION 6, UIC INSPECTION REPORT

SCAN CODE: 30

UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

Inspection Reason: ROUTINE Inventory No.: OS5667  
Operator: Name: KWB OIL PROP MGT INC  
Address: 20 EAST 5TH ST SUITE 1100  
TULSA, OK 74103  
Phone: (918) 583-8300  
Individual Contacted: \_\_\_\_\_ Title: \_\_\_\_\_

WELL INFORMATION:

Well Name and Number: (b) (9)  
Location: (b) (9)  
Well Type: Disposal  
Authorization: Permit Authorization to Inject Date: 9/20/93  
Authorized: Pressure: 496 psi Rate 10000 BPM  
Long-String Casing Diameter: 5.50 inches Tubing diameter 2.375 inches  
Base of Underground Sources of Drinking Water: \_\_\_\_\_ Feet Subsurface

CONDITIONS ON INSPECTION DATE:

Lease Status: ACTIVE  
Well Status: Hooked up for injection? YES Injecting? NO  
Required Fittings: Tubing? YES Annulus? NO  
Tubing Pressure: 0 psi; How Determined? OPENED  
Annulus Pressure: N/A psi; How Determined? FROZEN VALVE  
Injection Rate: \_\_\_\_\_ bpd; How Determined? \_\_\_\_\_  
Static Fluid Level: \_\_\_\_\_  
Tubing: \_\_\_\_\_ feet subsurface; How Determined? \_\_\_\_\_  
Annulus: \_\_\_\_\_ feet subsurface; How Determined? \_\_\_\_\_  
Samples Taken? NO Photographs Taken? NO

Observations: CSG.HEAD WITH TBG. CONNECTED TO INJECTION LINE.  
BIA required sign at well.

Inspection Date: 5/19/99 Time: Arrived: 9:25AM Departed: 9:45AM  
Inspector: BEVERLY LACRONE

Evaluation: Name: R Quance Date: 5-25-99  
Inspection Results: 1 Follow-up: A Frequency: NR  
Violation Code: None Reason: Sec  
Enforcement Letter Recommended: Yes

6/2/99

United States Environmental Protection Agency  
Underground Injection Control Program  
1445 Ross Avenue  
Dallas, TX 75202-2733

JAN 21 1999

29

Annual Disposal/Injection Well Monitoring Report

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OS County: OSAGE

Inventory Number: OS5667000

Qtr Section: (b) (9)

Well Activity

DISPOSAL

No. of Wells: 1

Type of Permit

☐ Individual

☒ Area

Lease Name

(b) (9)

Well Number

65

South Quadrant Reporting Form

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan	1998	vac	vac	3,100			
Feb	1998	"	"	2,800			
Mar	1998	"	"	2,725			
Apr	1998	"	"	2,520			
May	1998	"	"	2,553			
Jun	1998	"	"	2,430			
Jul	1998	"	"	2,511			
Aug	1998	"	"	2,511			
Sep	1998	"	"	2,430			
Oct	1998	"	"	2,511			
Nov	1998	"	"	2,430			
Dec	1998	"	"	2,511			

CERTIFICATION

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Name and Official Title:

Charles A. Ellis, Engineer

Signature:

Charles A. Ellis

Date Signed:

1-14-99

3-10-99  
OS



Company: **KWB OIL PROP MGT INC**  
 Address: **20 EAST 5TH ST SUITE 1100**  
**TULSA, OK 74103**

Phone: **(918) 583-8300**

Well Name/Number: **65**

Location: **(b) (9)**

Well Type: **Disposal**

Casing: **5.50** inches, Tubing: **2.38** inches

Injection Interval: \_\_\_\_\_ feet

Packer Depth: **1801.1** feet USDW: \_\_\_\_\_ feet

### Mechanical Integrity Test Results

Results: **PASS**

Comments:

**Kent Sanborn**

Engineer

**5/26/98**

Date

### I. NO SIGNIFICANT FLUID MOVEMENT INTO USDW THROUGH CHANNELS ADJACENT TO THE WELLBORE

Technical Review: \_\_\_\_\_ How Determined: \_\_\_\_\_

### II. NO SIGNIFICANT LEAK IN CASING, TUBING, OR PACKER

#### (A) TUBING-PACKER PRESSURE TEST

Injecting: **No** Pressure: \_\_\_\_\_ Tubing: **VAC** psi Casing: **0** psi

#### (B) CASING-TUBING ANNULUS PRESSURE TEST

Injection Rate: \_\_\_\_\_ bpd Time Since Annulus Filled: **FULL**

Annulus Fluid Type: **SW**

Time	Tubing Pressure	Annulus Pressure	Flowback
<b>9:30AM</b>	<b>VAC</b> psi	<b>202</b> psi	High Pressure <b>232</b> psi
			Mid Pressure <b>100</b> psi
	<b>VAC</b> psi	<b>190</b> psi	Low Pressure <b>50</b> psi
			End Pressure <b>0</b> psi
			Volume <b>2250</b> ml
			Volume <b>875</b> ml
			Volume <b>1500</b> ml
			Total Volume <b>4625</b> ml

#### (C) ADA PRESSURE TEST

(Fluid Column Height \* Specific Gravity \* .433/N2 Weight Factor = Required Test Pressure)

Tubing/Packer		Tubing/Casing Annulus	
Depth to Top Perf/Open Hole	_____ ft	Depth to Top Perf/Open Hole	_____ ft
Depth to Fluid Level	_____ ft	Depth to Fluid Level	_____ ft
Fluid Column Height	_____ ft	Fluid Column Height	_____ ft
Specific Gravity of Fluid	_____	Specific Gravity of Fluid	_____
Nitrogen Weight Factor	_____	Nitrogen Weight Factor	_____
Required Test Pressure	_____ psi	Required Test Pressure	_____ psi
Time	Pressure	Time	Pressure
_____	_____ psi	_____	_____ psi
_____	_____ psi	_____	_____ psi
_____	_____ psi	_____	_____ psi

#### (D) CASING-TUBING ANNULUS MONITORING

System: \_\_\_\_\_; Fluid level above wellhead: \_\_\_\_\_

Annulus Pressure: \_\_\_\_\_ psi

### III. REMARKS: REPRESSURED BACKSIDE FOR FLOWBACK. MIDDLE OF FLOWBACK HAD TO CHANGE OUT VALVE.

BIA required sign at well.

Date: **5/21/98** UIC Office Witness: **Beverly Lacrone**

Company Representative: **TED POPE**

ENVIRONMENTAL PROTECTION AGENCY  
REGION 6, UIC INSPECTION REPORT  
UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

SCAN CODE: 30

Inspection Reason: ROUTINE Inventory No.: OS5667  
Operator: Name: KWB OIL PROP MGT INC  
Address: 20 EAST 5TH ST SUITE 1100  
TULSA, OK 74103  
Phone: (918) 583-8300  
Individual Contacted: \_\_\_\_\_ Title: \_\_\_\_\_

WELL INFORMATION:

Well Name and Number: 65  
Location: (b) (9)  
Well Type: Disposal  
Authorization: Permit Authorization to Inject Date: 9/20/93  
Authorized: Pressure: 496 psi Rate 10000 BPM  
Long-String Casing Diameter: 5.50 inches Tubing diameter 2.375 inches  
Base of Underground Sources of Drinking Water: \_\_\_\_\_ Feet Subsurface

CONDITIONS ON INSPECTION DATE:

Lease Status: ACTIVE  
Well Status: Hooked up for injection? YES Injecting? YES  
Required Fittings: Tubing? YES Annulus? YES  
Tubing Pressure: N/A psi; How Determined? BROKEN VALVE  
Annulus Pressure: N/A psi; How Determined? FROZEN VALVE  
Injection Rate: \_\_\_\_\_ bpd; How Determined? \_\_\_\_\_  
Static Fluid Level: \_\_\_\_\_  
Tubing: \_\_\_\_\_ feet subsurface; How Determined? \_\_\_\_\_  
Annulus: \_\_\_\_\_ feet subsurface; How Determined? \_\_\_\_\_  
Samples Taken? NO Photographs Taken? NO

Observations: CSG.HEAD WITH TBG. CONNECTED TO INJECTION LINE.  
BIA required sign at well.

Inspection Date: 5/1/98 Time: Arrived: 1:30PM Departed: 1:50PM  
Inspector: BEVERLY LACRONE

*They will get valves replaced.*

Evaluation: Name: R Quance Date: 5-14-98  
Inspection Results: 10 Follow-up: D Frequency: M  
Violation Code: X Reason: COM.  
Enforcement Letter Recommended: Yes ✓

*5/19/98*



29

United States Environmental Protection Agency  
Washington, D.C. 20480  
ANNUAL DISPOSAL / INJECTION WELL  
MONITORING REPORT

Operator: KWB OIL PROP MGT INC Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100 20 EAST 5TH ST SUITE 1100  
TULSA OK 74103 TULSA OK 74103

State: OK County: OSAGE Inventory No: 5667  
Qtr. Section: (b) (9)

Well Activity Type of Permit Lease Name Well Number  
Brine Disposal Individual (b) (9) 65  
No. of Wells: 1 Area

==== South Quadrant Reporting Form ====

		Injection Pressure		Total Volume Injected	Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Yr	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG Max PSIG
Jan	1997	vac	vac	3,410		
Feb	1997	"	"	3,080		
Mar	1997	"	"	3,438		
Apr	1997	"	"	3,346		
May	1997	"	"	3,426		
Jun	1997	"	"	3,368		
Jul	1997	"	"	3,243		
Aug	1997	"	"	3,410		
Sep	1997	"	"	3,300		
Oct	1997	"	"	3,410		
Nov	1997	"	"	3,322		
Dec	1997	"	"	3,410		

C E R T I F I C A T I O N

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title

Signature

Date Signed

Charles A. Ellis, Engineer

Charles A. Ellis

1-27-98

3/2/98

FEB 09 1998



ENVIRONMENTAL PROTECTION AGENCY  
REGION 6, UIC INSPECTION REPORT

SCAN CODE: 30

UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

Inspection Reason: ROUTINE Inventory No.: OS5667  
Operator: Name: KWB OIL PROP MGT INC  
Address: 20 EAST 5TH ST SUITE 1100  
TULSA, OK 74103  
Individual Contacted: \_\_\_\_\_ Title: \_\_\_\_\_

WELL INFORMATION:

Well Name and Number: 65  
Location: (b) (9)  
Well Type: Disposal  
Authorization: Permit Authorization to Inject Date: 9/20/93  
Authorized: Pressure: 496 psi Rate: 10000 BPM  
Long-String Casing Diameter: 5.50 inches Tubing Diameter: 2.375 inches  
Base of Underground Sources of Drinking Water: \_\_\_\_\_ Feet Subsurface

CONDITIONS ON INSPECTION DATE:

Lease Status: ACTIVE  
Well Status: Hooked up for injection? YES Injecting? YES  
Required Fittings: Tubing? YES Annulus? YES  
Tubing Pressure: VAC psi; How Determined? UIC GAUGE  
Annulus Pressure: \* psi; How Determined? OPENED  
Injection Rate: \_\_\_\_\_ bpd; How Determined? \_\_\_\_\_  
Static Fluid Level:  
Tubing: \_\_\_\_\_ feet subsurface; How Determined? \_\_\_\_\_  
Annulus: \_\_\_\_\_ feet subsurface; How Determined? \_\_\_\_\_  
Samples Taken? NO Photographs Taken? YES  
Observations: ACTIVE WELL. WELLHEAD AND TBG CONNECTED TO SW LINE.  
BACKSIDE HAD A TINY TRICKLE WHEN OPENED.

Inspection Date: 7/ 2/97 Time: Arrived: 1:00PM Departed: 1:25PM  
Inspector: BEVERLY LACRONE

Evaluation: Name: R Quance Date: 7-21-97  
Inspection Results: \_\_\_\_\_ Follow-Up: A Frequency: NR  
Violation Code: None Reason: See



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

OS  
2420  
5667

December 30, 1996

REPLY TO: 6EN-WO

80457

KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please submit the report to the **AR/LA/OK NPDES (UIC) Section (6EN-WO); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202** within 30 days of the date of this letter.

The UIC permit for a well may require you to provide information in addition to that shown on the enclosed form. Submit that information with your report on a separate sheet of paper. Please review the permit for each of your injection wells to be sure that you are reporting all information required.

Data reported must be accurate and supported by your records. Osage UIC regulations require you to keep copies of monitoring reports and supporting records for at least three years.

If you have questions, please contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Jerry Saunders".

Jerry Saunders  
Chief  
AR/LA/OK NPDES (UIC) Section

Enclosures

United States Environmental Protection Agency  
Washington, D.C. 20480  
ANNUAL DISPOSAL/INJECTION WELL  
MONITORING REPORT

FEB 06 1997

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE Inventory No: 5667  
Qtr. Section: (b) (9)

Well Activity Type of Permit Lease Name Well Number  
.....  
Brine Disposal Individual (b) (9) 65  
No. of Wells: 1 IX Area

==== South Quadrant Reporting Form =====

		Injection Pressure	Total Volume Injected	Tubing-Casing Annulus Pressure (Optional Monitor)		
Month Yr	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 1996	vac	vac	4250			
Feb 1996	"	"	3620			
Mar 1996	"	"	3850			
Apr 1996	"	"	3900			
May 1996	"	"	3875			
Jun 1996	"	"	3910			
Jul 1996	"	"	4030			
Aug 1996	"	"	4185			
Sep 1996	"	"	4200			
Oct 1996	"	"	3875			
Nov 1996	"	"	3750			
Dec 1996	"	"	3710			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title

Signature

Date Signed

Ashley M. Houghton, Engineer

*Ashley M. Houghton*

1-29-97



ENVIRONMENTAL PROTECTION AGENCY  
REGION 6, UIC INSPECTION REPORT

UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

Inspection Reason: ROUTINE Inventory No.: OS5667  
Operator: Name: KWB OIL PROP.  
Address: 20 EAST 5th. ST., STE. 1100, TULSA, OK. 74103  
Individual Contacted: FIELD OFC. Title: \_\_\_\_\_

WELL INFORMATION:

Well Name and Number: (b) (9)  
Location: (b) (9)  
Well Type: DISPOSAL  
Authorization: PERMIT Authorization to Inject Date: 9/20/93  
Authorized: Pressure: 0496 psi Rate: 10,000 BPM  
Long-String Casing Diameter: 5.5 inches Tubing Diameter: 2.375 inches  
Base of Underground Sources of Drinking Water: 0 Feet Subsurface

CONDITIONS ON INSPECTION DATE:

Lease Status: ACTIVE  
Well Status: Hooked up for injection? YES Injecting? YES  
Required Fittings: Tubing? YES Annulus? YES  
Tubing Pressure: 0 psi; How Determined? GAUGE.  
Annulus Pressure: 0 psi; How Determined? GAUGE.  
Injection Rate: ? bpd; How Determined? NOT AVAIL.  
Static Fluid Level:  
Tubing: \_\_\_\_\_ feet subsurface; How Determined? \_\_\_\_\_  
Annulus: \_\_\_\_\_ feet subsurface; How Determined? \_\_\_\_\_  
Samples Taken? NO Photographs Taken? NO

Observations: ACTIVE WELL EQUIPPED FOR OPERATION. CSG. HEAD W/ TBG.  
INJECTION LINE CONNECTED TO WELL.

Inspection Date: 5/30/96 Time: Arrived: 11:00AM Departed: 11:15AM  
Inspector: Andrew Yates *[Signature]*

Evaluation: Name: R Quance Date: 6-3-96  
Inspection Results: 1 Follow-Up: A Frequency: NR  
Violation Code: None Reason: \_\_\_\_\_

United States Environmental Protection Agency  
Washington, D.C. 20480

ANNUAL DISPOSAL/INJECTION WELL  
MONITORING REPORT

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE

Inventory No: 5667

Qtr. Section: (b) (9)

Well Activity Type of Permit Lease Name Well Number  
Brine Disposal Individual (b) (9) 65  
No. of Wells: 1 Area

==== South Quadrant Reporting Form ====

		Injection Pressure		Total Volume Injected	Tubing-Casing Annulus Pressure (Optional Monitor)	
Month Yr	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 1995	vac	vac	2344			
Feb 1995	"	"	2117			
Mar 1995	"	"	2344			
Apr 1995	"	"	2269			
May 1995	"	"	2341			
Jun 1995	"	"	2257			
Jul 1995	"	"	2332			
Aug 1995	"	"	2330			
Sep 1995	"	"	2256			
Oct 1995	"	"	2331			
Nov 1995	"	"	2257			
Dec 1995	"	"	2239			

CERTIFICATION

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Name and Official Title

Signature

Date Signed

Ashley M. Houghton, Engineer

*Ashley M. Houghton*

3-15-96



29

United States Environmental Protection Agency  
Washington, D.C. 20480  
ANNUAL DISPOSAL / INJECTION WELL  
MONITORING REPORT

Operator: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

Owner: KWB OIL PROP MGT INC  
20 EAST 5TH ST SUITE 1100  
TULSA OK 74103

State: OK County: OSAGE  
Qtr. Section: (b) (9)

Inventory No: 5667

Well Activity Type of Permit  
Brine Disposal Individual  
No. of Wells: 1 X Area

Lease Name

(b) (9)

Well Number

65

==== South Quadrant Reporting Form ====

Injection Pressure			Total Volume Injected	Tubing-Casing Annulus Pressure (Optional Monitor)		
Month Yr	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Jan 1994	vac	vac	2480			
Feb 1994	"	"	2240			
Mar 1994	"	"	2510			
Apr 1994	"	"	2500			
May 1994	"	"	2615			
Jun 1994	"	"	2580			
Jul 1994	"	"	2625			
Aug 1994	"	"	2710			
Sep 1994	"	"	2605			
Oct 1994	"	"	2590			
Nov 1994	"	"	2620			
Dec 1994	"	"	2635			

C E R T I F I C A T I O N

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

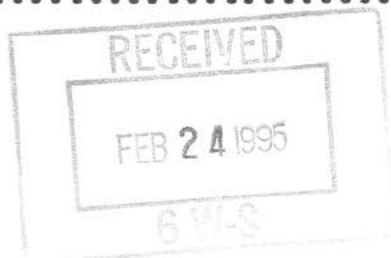
Name and Official Title

Signature

Date Signed

Ashley M. Houghton, Engineer

2-20-95





ANNUAL FLUID LEVEL  
MONITORING REPORT

29

Operator: KWB OIL PROP MGT INC Owner: KWB OIL PRCP MGT INC  
15 EAST 5TH ST SUITE 3300 15 EAST 5TH ST SUITE 3300  
TULSA OK 74103 TULSA OK 74103

State: OK County: OSAGE Inventory No: 5667  
Qtr. Section: (b)(9)

Well Activity Type of Permit Lease Name Well Number  
.....  
Brine Disposal Individual (b)(9) 65  
No. of Wells: 1 Area USDW Feet: 0

==== South Quadrant Fluid Monitor Report Form ====

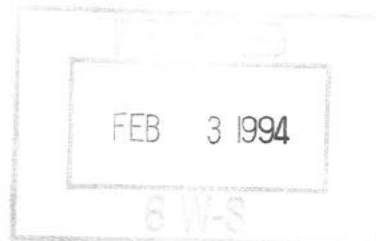
Static Fluid Level (Feet Sub-Surface)

Month Yr	Tubing	Annulus
Jan 1993		
Feb 1993		
Mar 1993		
Apr 1993		
May 1993		
Jun 1993	Drilled	6-24-93
Jul 1993	Water injection began	on 7-19-93
Aug 1993	80 BWPD at 20+ points	vacuum
Sep 1993		
Oct 1993		
Nov 1993		
Dec 1993		

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title Signature Date Signed  
Ashley M. Houghton, Engineer Ashley M. Houghton 1-26-94



## A/UIC INSPECTION REPORT

RECEIVED

NOV 1 1993

6 W-S

A (WR) 30

Inspection Type Pcm  
Inspection Frequency monthly  
Violation Code \_\_\_\_\_

Inventory No. 05 10 5667  
Authorization 09/03/93  
Authorized to Inject 09/30/93

Company/Operator KWB Oil Property Management, Inc.  
Business Address 3300 First National Tower Tulsa, OK 74103  
Individual Contacted none Title \_\_\_\_\_

Lease Name &amp; Well No. \_\_\_\_\_

(b) (9)

Legal Description (b) (9)

Well Information: SWD/ER, Active/TA/P&AAuthorized Injection: Pressure 0.8516 Rate 10,000 bpmLong String Casing Size 5.5" Tubing Size 2.38"

## Report of Conditions as of this Date:

Lease: Active/InactiveWell hooked up for injection: Yes/NoInjecting at time of inspection: Yes/NoRequired fittings on tubing and casing/tubing annulus: Yes/No/Not ApplicableInjection Pressure gravity; How Determined connections from SW To.Annular Pressure open valve; How Determined \_\_\_\_\_Injection Rate ?; How Determined cool tubingWell plugged at Surface: Yes/No/UndeterminedSamples Taken no Photographs Taken none

## Description of wellhead hookup and injection facility:

Active well, tubing taking fluid on gravity.  
Valve on annulus is open.

Weather Conditions and Observations clear, south winds at 8 mph.

62°F, adequate sign

Inspection Date 10/05/93 Time Arrived 1730 Departed 1745Field Inspector B. J. JohnsonEPA Reviewer L. J. Johnson Date 3 NOV 93



RECEIVED

OCT - 4 1993

6 W-S

Inspection Type Pcm  
Inspection Frequency monthly  
Violation Code \_\_\_\_\_

Inventory No. DSIP 5667  
Authorization \_\_\_\_\_  
Authorized to Inject 09/30/93

Company/Operator AWB O.I. Property Management, Inc.  
Business Address 3300 First National Tower Tulsa, OK 74103  
Individual Contacted Ted Pope Title \_\_\_\_\_

Lease Name &amp; Well No. \_\_\_\_\_

(b) (9)

Legal Description \_\_\_\_\_

Well Information: SWD/ER, Active TA/P&AAuthorized Injection: Pressure 0 psi Rate 10,000 bpmLong String Casing Size 5.5" ID Tubing Size 2.38"

## Report of Conditions as of this Date:

Lease: Active/Inactive Well hooked up for injection: Yes/NoInjecting at time of inspection: Yes/NoRequired fittings on tubing and casing/tubing annulus: Yes/No/Not ApplicableInjection Pressure vacuum; How Determined slightly open valveAnnular Pressure open valve; How Determined \_\_\_\_\_Injection Rate ? cool tubing; How Determined \_\_\_\_\_Well plugged at Surface: Yes/No/UndeterminedSamples Taken no Photographs Taken 12-10

## Description of wellhead hookup and injection facility:

Active well, tubing taking cool fluid on a vacuum.  
Annulus valve is open.

Weather Conditions and Observations clear, southwest winds at 14 mph,75°F, photo taken to the southwest, 35 mm 5300 MAKodak, ASA 100, time 1600Inspection Date 09/27/93 Time Arrived 1515 Departed 1615Field Inspector Shirley E. EdwardsEPA Reviewer Laurel B. Jones Date 12 OCT 93



WELL TYPE: (DISPOSAL/EOR)  
WELL STATUS: (NEW/CONVERSION/EXISTING)

PERMIT # 1P5667  
INVENTORY # 74103

MECHANICAL INTEGRITY TEST

COMPANY NAME KWB ADDRESS 3300 1st Nat'l Trw Tulsa OK

WELL NAME & NO. (b) (9); (b) (9)

LEGAL DESCRIPTION (b) (9)

MAXIMUM AUTHORIZED PRESSURE NA INJECTION INTERVAL 1813-2301 PACKER DEPTH 1801.65

I. DEMONSTRATED NO SIGNIFICANT FLUID MOVEMENT INTO USDW THROUGH ADJACENT WELL BORE CHANNELS:

(YES/NO) DATE: REVIEWER: New Permit

II. NO SIGNIFICANT LEAK IN CASING, TUBING, OR PACKER:

(A) TUBING-PACKER PRESSURE TEST

WELL: (INJECTING/SHUT-IN) TIME SINCE: SHUT-IN OR INJECTION BEGAN ANNULUS FILLED 1 well  
PRESSURE: TUBING 40 CASING 40 LIQUID TYPE: INJECTION SW ANNULUS SW  
ANNULAR FLUID FLOW: (YES/NO) TIME FOR FLOW TO STOP ESTIMATED FLOW VOLUME qt.

(B) CASING-TUBING ANNULUS PRESSURE TEST

TUBING PRESSURE INJECTION RATE BPD (DURING TEST OR BEFORE SHUT-IN)

TIME	TUBING PRESSURE	ANNULUS PRESSURE
0 MIN	0 psi	200
5 MIN		
10 MIN		
20 MIN		
30 MIN		200

CASING SIZE 5 1/2 TUBING SIZE 2 3/8" FLOW BACK VOLUME 1 gal SW

(C) ADA PRESSURE TEST

DEPTH TO TOP PERFORATIONS OR OPEN HOLE DEPTH TO FLUID LEVEL  
FLUID COLUMN HEIGHT x SP.GR. x .433 = PSIG REQUIRED FOR TEST.

MAXIMUM PRESSURE REACHED  
PRESSURE AFTER 5 MINUTES  
PRESSURE AFTER 10 MINUTES  
PRESSURE AFTER 20 MINUTES  
PRESSURE AFTER 30 MINUTES

(D) MONTHLY CASING-TUBING MONITORING

SYSTEM (OPEN/CLOSED); FLUID LEVEL ABOVE GL PRESSURE

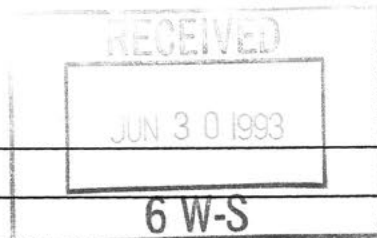
(E) TUBING PRESSURE/FLOW RATE MONITORING MONITORING SYSTEM ADEQUATE: (YES/NO)

FLOW RATE BPD TUBING PRESSURE

(F) RADIOACTIVE TRACER SURVEY

DATA & INTERPRETATION SHOW: (LEAK/NO LEAK)  
NATURE & DEPTH OF LEAK:

III. REMARKS



DATE 24 June 93 TEST WITNESSED BY: B. LaCrosse (EPA FIELD INSPECTOR) Ted Doss (COMPANY REPRESENTATIVE)

IV. FROM THE KNOWLEDGE OBTAINED FROM THE ABOVE TESTS, IT IS MY OPINION THAT THIS WELL HAS MECHANICAL INTEGRITY: (YES/NO)

Kw Sanborn  
EPA ENGINEER

6-24-93  
DATE